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**FAX TRANSMITTAL SHEET**

**DATE:** September 05, 2006

**TO:** Laboratory Director and QA Manager

**FROM:** Steven D. Baker, Office Chief  
Laboratory Services  
State Laboratory Services

**Subject:** Information Update #91

**PAGES:** 3 (including cover)

**NOTE:** If any of the pages are missing, please call 1-800-952-0374, (602) 364-0734 or (602) 364-0733.

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*Leadership for a Healthy Arizona*



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## **Information Update**

**September 05, 2006**

**Update #91**

### **1. Seeking laboratories input:**

For the last couple of years, the Environmental Laboratory Advisory sub-Committee has been working on the requirement of low reporting limits in ADEQ's permits that were not achievable by any approved method. The sub-committee collected reporting limits from 17 laboratories licensed by Arizona and they were compared to the Arizona's Water Quality Standards (WQS) before coming up with the proposed limits. The sub-committee submitted the proposed maximum allowable reporting limits to the Directors of ADHS and ADEQ on March 17, 2006. The limits haven't become final; it is still being discussed within ADEQ. If you would like a copy of the proposed limits, please send an e-mail to [acharyp@azdhs.gov](mailto:acharyp@azdhs.gov).

There is another group of analytes that are in ADEQ's permits; they are not part of 40CFR, Part 136 analytes and therefore have no promulgated wastewater methods. ADEQ has asked the sub-committee to recommend alternate methods and quality control criteria for these analytes.

The sub-committee met on August 29<sup>th</sup> and came up with the following proposal. The sub-committee would like to hear from the licensed labs, especially drinking water labs since this will affect them the most. The sub-committee would like to present our recommendations at the next ELAC meeting, which is scheduled for September 21<sup>st</sup>. We would like to hear from you by September 13<sup>th</sup>. Thank you in advance.

The following is the guidance for using alternate methods:

1. When the DW method is used, the WW sample will be diluted 20 fold and analyzed like a DW sample and will follow the procedure as written, with all the QC criteria required to be met. The resulting reporting limits will be 20 times the DW limits. Would you like to use the 20 fold the 40CFR limits for semi volatiles in WW also?
2. When alternate wastewater or solid-waste methods are used, the samples will be run straight and all the method QC must be met.
3. For analytes that have more than one method listed, any listed method can be chosen.
4. How would you like to analyze asbestos? Like a DW sample after 20 fold dilution?

Analytes of concern

Methods

- Cis 1,2 DCE, xylenes and styrene: EPA 624
- EDB and DBCP: EPA 504.1/SW 8011
- Dinoseb, picloram and 2,4,5-TP: EPA 515/SW 8151
- Alachlor: EPA 625/608/525.2/555
- Endothall: EPA 548.2
- Glyphosate: EPA 547
- Methoxychlor: EPA 608
- Carbofuran and oxamyl: EPA 531.1/632
- Atrazine, simazine and Di-(2-ethyl hexyl adipate) EPA 625/525.2/608
- Diquat: EPA 549.2
- 1,2 Diphenyl hydrazine EPA 625
- Asbestos: (Would like to hear from asbestos labs)

2. Please contact Prabha Acharya @ (602) 364-0734 or [acharyp@azdhs.gov](mailto:acharyp@azdhs.gov) for any technical or method related questions. The earlier Information Updates can be accessed @ <http://www.azdhs.gov/lab/license/tech/infoup.htm>